Tuesday, December 9, 1873.

# RIVER IMPROVEMENTS.

The Works under Col. Macomb---His Annual Report.

Statements Concerning the Rock Island Bridge the Operations of the Montana and Caffrey, the Work on Keckuk Rapids and full Account of Improvement of Rock Island Rapids.

The annual report of Col. J. N. Macomb in charge of the improvement of the Up- of 1873. In a few days I will be able also per Mississippi and its navigable tributa-ries, to Gen. A. A. Humphreys, chief of the For the fiscal year ending June 30, 1874, an Engineer Corps of the army, is made public. It is dated at his headquarters in Rock Islthe work done on the different improve-ments during the year ending June 30. which are prosecuted in this vicinity, or in with the funds on hand, will certainly be which our citizens feel a commercial in.

BOCK ISLAND BRIDGE

between Rock Island and Davenport, as follows:

At the time of making the last annual rapids. work on the wagon road approaches to the bridge, and the deepening of the channel between the draw pier and the Island of Rock Island, which work has been satis-

factorily accomplished. Farly in October, 1872, before the pasnger trains of the Chicago, Rock Island & Pacific Railroad company were allowed to cross upon the bridge, certain regulapany, were agreed upon by the local superntendent and this office.

might, with advantage, be adopted at all draw-bridges. There would then occur no such accidents as the wrecking of railroad trains at draw-bridges.

The railroad trains have been running regularly over the bridge since about the 18th of October 1872. On the 4th of February, 1873, in accordance with the honor-

able Secretary of War,

placed in the position of assistant in local charge.

pilled to payment of services in the m ath of June 1873, amounting to . . . Learing a small amount which reverts to the treasury

Then after describing the work done at virtually closed. \$200,000, the report deals with the

To this is attached the report of Cap-

Summary of the operations of the Mon tana, Capt. Harris, for the season of 1872: and set affoat; 165 snags extracted; 182 stumps extracted; 2,110 leaning trees reof the above work.

Summary of operations of the C.J.Caffrey, Capt. Hillhouse, for the season of 1872; 385 snags extracted; 540 stumps extracted; 458 leaning trees removed; 109 hours scraping and dredging; 2,641 miles run.

ment of the

by Major Stickney, the present condition of the work being described as follows:

The entire lock and vertical walls completed, excepting 341 feet of main wall coping on the lower and a part of the up per mitre-sill. The slope wallon the shore bank and inside of river bank, from Price's creek to walls connecting vertical with creek to walls connecting vertical with have been recommended to you for acceptance of the contract coping, and 26 feet of vertical wall coping. you provided for this work under the apand rock exeavation was about completed. ance and for the closing of the contract and used in making embankment and back- with the firm of Dull & Williams if the using for slope wall. To complete the embankment will necessitate the removal of with the final inspection to be made with the remainder of the stone delivered for our sounding apparatus. I thought the masonry, which is not practicable until it price paid for such work of excavation justi can be utilized in some other portions of fies a delay, by which a more thorough inthe works. The excess of excavation over spection and examination of the finished what would be required to complete the work can be obtained. The water will embankment on the section work can be probably be in a favorable condition for used to complete the embankment of the

structed now, it would reduce the earth embankment 9,500 cubic yards, and the surplus of stone on hand would be used to good advantage in the sluice walls.

Of the allotment of \$100,000 of the appropriation made June 10, 1872, there re- THE SMALLNESS OF THE APPROPRIATION mains unexpended a sufficiency to complete the lock according to original plans, ready for the gates. During the progress of this work it has received close and careful inspection in all its parts, and strictly conformed to the specifications and plans

The sum of \$800,000 could be advantageously used during the fiscal year end-ing June 30, 1875, and I would recommend that an appropriation of that amount

complete the excavations and embankments of the entire canal, including all the locks and the dams in the creeks for holding the sediment brought down by rains, also the exeavations of the channels at the entrances at both ends of the canal, and to build the lower courses of the rip-rap all along the entire length of the interior of the canal embankments, also to construct the sluices at the three locks.

and this we print in full, that new-comers may get some idea of the cost of rendering the rapids, which stretch from the government bridge to Port Byron, a distance of eighteen miles, navigable in low water:

ROCK ISLAND RAPIDS.

The work of excavation at Rock Island rapids has been pushed with such energy on the part of the contractor, as to enabl me to close the contract with Mr. J. J. Dull, which was entered into July 11,1871 at the early date of Oct. 18, 1872. This contract embraces the improvement of Upper chain, Smith's chain, St. Louis chain patches above Sycamore chain, and patches near Crab Island. A new contract, Aug. 8, 1872, was made with the firm of Dull & Williams, for excavation at Winnebago chain, and of patches between St. Louis and Campbell's chain. The work embraced in this contract has been performed durappropriation of \$50,000 was made by Congress, March 3, 1873. I was authorized to draw a new contract for the money availaand. It gives detailed statements of all ble with Mr. George Williams, who, with ments during the year ending June 30, Lower chain, and patches between Camp1873. We give place to the portions of bell's chain, and Winnebago Island. The the report that treat of government work work, which can be done at these places

The improvements done so far at these The report opens with reference to the rapids have proved to be a perfect success.

In low stage of water the rapids are eas ier navigated than the river above the

STEAMERS IN FORMER DAYS

feet above lowest water of 1864, and at a stage of three feet above lowest water steamers experienced great difficulty and risk. At present, boats pass the rapids with ease, and I am told, occasional y at night, too. It is my intention to establish a system of guides, or range marks, and perhaps lights for the better navigation of the channel in the river, whenever the improvements of the remaining chains are The rules for passing trains over the completed, and allow me a more full condraw are so simple and effective that they draw are so simple and effective that they assistant, E. F. Hoffman, to prepare a map showing the state of the river bed at these J. P. MILLS, Sole Prop'r, rapids in the year 1867 before any improvement was made, and also the state of the river bed in this year after the greatest part of the improvements have been accomplished. The reports of Assistant E F. Hoffman is hereto appended, and I take great pleasure in referring to them as a

purpose of the bridge to the commanding officer of the United States Arsenal at Rock Islands and since that time I have settled the sale of the settled the settle and rafts, the work at t chain was only

finished Oct. 15, 1872. A thorough inspec-Of the appropriation for completing Rock Island bridge there remained available on the 1st of July, 1872. \$142.947 46 Of which amount I received during the fiscal year the sum of \$2,947 46 And expended. \$1,897 54 with J. J. Dull was on the 18th of October \$ 1.09 94 which a final estimate of all work done under this contract was presented to Mr. J. J. Dull which was accepted on his part, whereupon the retained percentage to the amount of \$24,373,46 was paid and the contract

the Falls of St. Anthony, on which \$66,. Congress having appropriated \$50,000 000 has been expended, and for which the for the prosecution of the work at these present Congress is asked to appropriate rapids during the fiscal year ending June the work were announced, and the open OPERATIONS OF GOVERNMENT STEAMERS. ing of bids took place Aug. 24, 1872. The lowest responsible bidder was the firm of tain J. Throckmorton of the operations of Dull & Williams, of Keokuk, Iowa, with steamers Montana and Caffrey in improving the Upper Mississippi during the sea- The stipulated price per cubic yard in this son of 1872. The particulars contained in contract was \$12.50 for rock excavation at Winnebago island, and \$14.50 for certain months ago, so we will quote only the folchain and Campbell's and between Campbell's and Winnebago islands.

THE WORK WAS COMMENCED without delay about the end of August, steamers and 3 rafts pulled off sand bars 1872, at Winnebago island. Sickness FIRE among the force of contractors hindered the progress of the work considerably, so moved 4.089 miles run in the prosecution that at the close of the season, Nov. 19. 1872, only one approximate estimate of 1,250 cubic yards excavated rock was paid

to the amount of \$15,000, exclusive 10 per

Work was resumed on the 1st of April, 1873, and notwithstanding the high water which prevailed in the spring, the excavation of 419 cubic yards at patches between St. Louis and Campbell's chain and the excavation of 2,144 cubic yards at Winnebago island was reported to you as being finished May 21, 1873. The smallness of the appropriation did not allow the removal of e patches between Campbell's chain and Winnebago island in consequence of which August, when the result of the inspection will be submitted to you, and the Should the contemplated shice be contructed now, it would reduce the earth emmay be closed shortly thereafter. In the last session of Congress \$50,000 were appropriated for the prosecution of the work at these rapids for the fiscal year ending June 30, 1874.

demanded a change in the programme for the work, in consequence of which you ordered me at the end of March to submit a project for the work on the Rock Island improvement during the coming season. under the appropriation of \$50,000 for this work, as by act of Congress approved 3d of March, 1873. In answer to the given order I submitted to you a report as follows, under date March 28, 1873:

In my last annual report I stated that improvement was greatly needed at the fol-

lowing localities:
1. Lower chain.
2. Foot of Moline chain. Head of Duck Creek chain,

The insufficiency of the appropriation available has caused a slight change from the former plan of improvement, but hav-ing in mind your expressed opinion that those portions of the rapids should be im-proved which would be most beneficial to navigation, I respectfully offer the following views:

1. To straighten and otherwise improve the entrance to the cut made at Duck Creek (Continued on third page,)

# CLIMAX! CLIMAX!

essing for 25 cents.

family should be without it. Sores, Salt Rheum, Chilblains,

Scalds, Cuts, and Sprains. It has been used over twenty

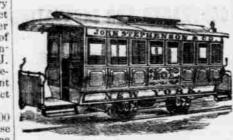
price than any other Ointment.

The most Successful Medicines

established in 1835, by one of our Most Eminent Physicians, CONSUMPTION and now used throughout North and South America, with more pleasing results than any other Medicine in cases of diseased Liver, Blood, or Skin, Indigestion, Costiveness, Bilious Comcould not pass the rapids at a stage of two plaints, Rheumatism, and Fever

in a healthy condition.

JOHN STEPHENSON & CO. relieved; the stools will show what the Pills can do;



Manufacturers of

STREET CARS

OMNIBUSSES.

AND-

Celebrated Breech Loading, Sporting and Hunting Rifles.



INSURANCE.

THE BEST IS THE

HAYES & CLEVELAND Agents for the following old and reliable Insur ance Companies, which have paid all Chicago Underwriters Agency, New York.

Cash Assets \$4,000,000. Phenix. N. Y. Cach Assets \$2,000,000. Continental, N. Y. Casb Assets \$2,500,000.

LIVERPOOL & LONDON & GLOBA Cash Assets \$10,000,000 Girard of Philadelphia, Assets \$500,000. BONE OF OHIO.

SPECIAL NOTICES.

Land Salve, a Family Consumption can be Cured

Sore Breasts or Nipples, Burns, Schenck's Pulmonic Syrup,

Seaweed Tonic

and

Mandrake Pills

WILL CURE

and Dyspepsia!

the Directions.

They are all three to be taken at the same time

They cleanse the stomach, relax the liver and put it

digests and makes good blood; the patient begins

Liver Complaint

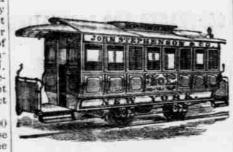
It has no parallel-having perin larger boxes for the same

Thousands of certificates are in our possession, giving detailed accounts of perfect CURES effected by these invaluable Medicines. They regulate the System, and If taken according to put all the functions of the body

85 LIBERTY STREET, NEW YORK

SPECIAL NOTICES.

A CARD TO THE LADIES DUPONCO'S



47 East Twenty-Seventh st., New York,

FIRE ARMS.

ARMS.

REMINGTON'S

Single barrel Breech-loading Shot Guns, Single barrel Muzzie-loading Shot Guns, Revolving an Repeating Fistols, Vest Pocket Pictols, Single at Bouble-barrel Deringers, (Breech-loading,) Rife Canes, Gun Barrels, Gun Mountings, &c.

Per We are now able to farm shour New Double-barrel Shot Gun. E. REMINGTON & SONS, 10-25diff Linn, N. Y

CHEAPEST

INTERNATIONAL, NEW YORK. Cash A sate \$1,000,000.

Assets \$900,00-

SPECIAL NOTICES.

AGENTS WANTED. ARCTIC of the

WORLD 200 YEARS in SEARCH of a NORTHWEST PASSAGE to ASIA, via. NORTH POLE, INTERSELY INTERESTING. PROFUSERY ILLUSTRATED. SELLS at Signt. Address LAKESIDE BOOK CO., Chicago or Cincinnati. (We make a gift of \$100 to every good Agent.) 6 21dtts&wly

AGENTS WANTED.

The Master Spirits of the World The Treasure House of America.

Embracing the Story of

LIVINGSTONE AND STANLEY. Agents report sales of 25 to 100 copies in a few hours or days, Prospectus Free, Address J. W. GOODSPEED, New York, Chicago, Cilcinnati, St. Louis, or New 3-23dtts&wiy

A local agent and a canvasser in this county, to represent Our Fireside Fairnd. We can give the proper part: a good paying and Easily worked cash business. The fact and experience of an old agent is not needed to be successful, though we have more experienced agents (secured during the past two years) working for us than any other house in America, and they continue to work right along, and make BiG salaries. The secret is that they offer the people better inducements, and that we attend more from the total their orders.

EMPLOY - for all at your homes or traveling for your leisure moments, or your entire time. Our Combination beats the world. The MOST for the money. VOU can make money. Profitable, honorable, congenial. Send your address at once and get our novel plans, ideas etc., get particulars, terms, etc., sent free, address. WATERS & CO., Publishers, Chicago.

SCHEETZ'S

CORDIAL ! BITTER

JACOB SCHEETZ, Proprietor. N. W. cor. 5th and Race Sts. to work; then the appetite becomes good; the food PHILADELPHIA. .....

to grow in fiesh; the diseased matter ripens in the testimonial of Scheetz's Celebrated Bitter Cordial:

NORTH-EASTERN MEDICAL DISPENSARY 2407 Braddock St., (19th Ward.) PHILADELPHIA, Jan. 18th, 1878. nothing has ever been invented except calomel (a deadly poison which is very dangerous to use unless with great care) that will unlock the gall bladder and start the secretions of the liver like Schenk's

three tordina a fair, nonest and continue through it may not appear to be strictly according to the rules of the profession. I do unhesitatingly assert that it cures all that it professes to be a remedy for I have given it to over 75 different patients, and it no one instance has it failed to afford relief. In one case, I know of four bottles having fully and pet manently cured Chronic Diarrhea of over 25 years cheerfully do I accord it the highest praise, and

Ur. GOTTLIEB FISCH'S BITTERS. This preparation of the great Scientist, Dr. Gott-lieb Fisch, of Germany, is based on the fact that, as

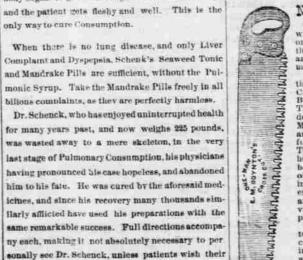


the Stomach and Liver as to make Constipation and Illiousness impossible; reinforces the System so it can tideover bad results of changing climate, water, de, and better endure the demands often unexpectedly made on its Force and Energy. Ladies in delicate health, aged persons, and all emaciated and weak after sickness, will must be the properties of the properties of the properties.

WARE & SCHMITZ, Proprietors, 2 and 5 Granite St., Philadelphia, Pa For sale in Rock Island by Smith & Bonney.

Saws.

the patient begins to gain in flesh, and as soon as the Bernion's Lightning Saws.



Not One Failed in 20,000 Two men cut a 12 meh log by hand with this saw, in EIGHT SECONDS, on Sept. 1, 1889, at Philadelphia, in the presence of Major Gen. Meade and numerous other distinguished

men.

These are the only saws in operation that are equivalent to the front cutting and Clearing of a Hand Saw Bo'll ways, viz. going and coming. The slant edges between the points do not cut, the vertical face of each Mantifer, and the stant following. Menting, and the siant following, and vice versa, as drawn back and forth. All Teeth are entirers. All Teeth are Chearers. As it costs five bundred or more dollars for the labor that wears out any saw, a saving of one-fifth by speed and ease of an improved saw saves the cost of a dozen. The length, strength, stiffness, and durability of these teeth are obvious. Note also speed, ease, simplicity and clearness.

### PEED.—If two points are dressed to cut in line, vertical or advancing M cutting, and the slant following,

CLEARANCE. Cutting by projecting faces, these M teeth clear like a plow, simultaneously.

These saws are universally conceded to surpass is speed, in case, and simplicity. If any one questions it, let him accept my \$500 challence (towards expending the plant of the plant it, let him accept my \$500 challenge (towards expenses of a public convest), and have the matter settled. New enlarged dust-spaced Saws for sale by the Hardware Trade of America. Agents wanted where the Hardware Trade do not sell the genuine saw. Infringers prosecuted. A 8 ft. Cross-Cut and a Wood Saw shipped on receipt of \$6.

N. B.—None genuine without the name on saw of

E. M. BOYNTON,

SOLE PROPRIETOR AND MANUFACTURER J. H. SCHENCK & NON 80 BEEKMAN ST., NEW YORK.

MEDICAL.

CONSUMPTION, SCROFULA, &c., &c.

CSMUN'S COD LIVER OIL AND LACTO Phosphate of Lime cures Con-umption, Scrofula, Coughs and Colds, Asthma, Hoarseness, Bronchiti-, &c. In Pulmonary Consumption, this preparation far exceeds in efficacy any other remedy, or combination of remedies, ever employed. In the various scrofulous discusses, such as external glandular scrofula, discusses of the joints and spine, carlous ulcers, rickets, &c., the result has been most gratifying. Sold by droggists at \$1; 6 bottles \$5 CHARLES A. OSMUN. Chemist and Druggist, 13, 7th avenue, New York.

DR. WHITTIER

112 West Madison St.,

(Regular Graduate of Medicine.) Treats all CHRONIC, SEXUAL and PRIVATE DISEASES, of both sexes, at reasonable prices.

3,736 Cases Cured since the Great Fire. SEMINAL WEAKNESS, SPERMATORRHOEA, (night loses,) S. XUAL DEBILITY and impotency (loss of sexual power) and all impediments to marriage permanently cured. No mercury used. Patients at a distance treated by efter-medicines sent everywhere. Consultation free, personally or by mail. Cures gua anteed or money refunded. Female Pills extra strong (safe and sure.) by mail \$5. Male Safes \$1 each, or 3 for \$2. Al! "Female Difficulties and Irregularities" treated with safety and success.

And success.

A BOOK describing all Private Diseases (for both sexes) and chemiars, &c., for "Married Polks," all sent scaled to any address for two stamps. All etters confidential.

Please state where you saw this notice. 10-4dwly

Confidential Physician,

No. 277 & 279 S. Clark St., Cor. Van Buren.

U.

DR.

BIGELOW

It is well known by all readers of this paper that Dr. C. Bigelow is the oldest established physician in Chicago, who has made the treatment of all chronic and sexual discusses a specialty Science and experience have made Dr. B the most renowned SPE-GIALIST of the age, honored by the press, esteemed of the highest medical attainments by all the medical institutes of the day, having devoted TWENTY YEARS OF HIS LIFE in perfecting remedies that will care positively the worst cases of CHR INTO AND PRIVATE DISEASES of the GENITO URL. NARY ORGANS in both sexes, Seminal Weakness, producing Nervousness, Aversion to Society, Improved AND PRIVATE DISEARES of the GENTO CHE
NARY ORGANS in both sexes, Seminal Weakness,
producing Nervousness, Aversion to Society, Impatred vision, Loss of Memory and Manh od, perfectly cared. It is evident that one who confines
himselt to the study of certain diseases, treating
thousands of cases every year, must have greater
skill than a physician in a general practice. Read
his Medical Treatries for indies and gentleman.
Sent free to any address in scaled envelope. Consultation free. The finest rooms in the city, with separate parlors for ladies and gentlemen. Call; you
see only the doctor. Correspondence Confidential.
Address all letters to DR. C. BigELOW, No. 279
S. Clark St. Office hours from 9 A. N. to 8 P.M.; Sondays 2 P. M. to 5.

N. B.—Ladies, send for a descriptive circular of
Prisserie Remedet, the best prevention of conception
known. Sent to any address; enclose stamp.

The following testimonnal as to the skill and success of Dr. C. Bigelow was published in this city.

class of physici as are required, a d if any on needs such service, it is of the atmost importance needs such service, it is of the atmost importance to engage only a man whose experience is equal to his offer of medical aid; and, without prejudice, or any loterest in saying other than the truth we recommend most cortainly a demphatically such to visit Dr. Bigelow, at his central rooms, 270 S. Clark St., Chicago, - Chicago Journal, Dec. 3, 1863.

MANUFACTURERS.

VOLNEY W. MASON & CO., FRICTION PULLEYS.

Friction Clutches, Connecting Shafting and Gearing HOISTING MACHINERY.



MOLDING MACHINE. LEE, 164 Union St., corner Exchange,

WORCESTER, MASS.

Dealer in all kinds of Wood-Working Machinery, 10-27d3m ROCK ISLAND IRON WORKS! Machine Shop Foundry

Cor. Illinois and Arsenal Streets. ROCK ISLAND......ILLINOIS Architectural Castings, Store Fronts, Sash Weights, Balconies, Brackets, Railing, &c.

Wrought and Cast Iron Fencing In great variety of styles and prices. Machinery for Steam & Water Power Mills. Gearing, Pulleys and Shafting, Hangers, Counter Shafting, &c., &c.

NEW AND COMPLETE STOCK OF PATTERNS. Steam Engines, Of all sizes, styles and prices. Especial attention given to repairing, and all work guaranteed.
Steamboat Work solicited. Prices as low as else
Steamboat Work solicited. Prices as low as else
Steamboat Work solicited. Prices as low as else
Rock Island Ills.

PEORIA Foundry & Machine Shop

MANUFACTURERS OF Steam Engines

NICOL, BURR & CO.,

Mill and Distillery Machinery, HOUSE AND RAILROAD CASTINGS, Dunbar's Patent Steam Piston Packing. DUFF'S PATENT

AGENT FOR Stillwell & Armstrong's PATENT HEATERS & STURTEVANT'S BLOWER Cor. Water and Walnut Streets,

Self Oiling Hangers and Boxes

.....ILI Special attention given to repairing. Highest prices paid for old iron. 6-2dly

VINEGAR BITTERS.

Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol. The question is almost daily asked, "What is the cause of the unparalleled success of VINEGAR BIT-TERS?" Our answer is, that they remove the cause of disease, and the patient recovers his health. They are the great blood purifier and a life-giving principle a perfect Renovator and Invigorator of the system. Never before in the history of the world has a medicine been compounded possessing the remarkable qualities of Vinegar Bitters in healing the sick of every disease man is heir to. They are a gentle Purgative as well as a Tonic relieving Congestion or Inflammation of the Liver and Visceral Organs, in Bilious

The properties of Dr. WALKER'S VINEGAR BITTERS are Aperient, Diaphoretic, Carminative, Nutritions, Laxative, Dinretic. Sedative, Counter-Irritant, Sudorific, Altera-

tive, and Anti-Rilions, Grateful Thousands proclaim VIN-EGAR BITTERS the most wonderful Invigorant that ever sustained the sinking

Bilious, Remittent and Intermittent Fevers, which are so prevalent in the valleys of our great rivers throughout the United States, especially those of the Mississippi, Ohio, Missouri, Illinois, Tennessee, Cumberland, Arkansas, Red, Colorado, Brazos, Rio Grande, Pearl, Alabama, Mobile, Savannah, Ro anoke, James, and many others, with their vast tributaries, throughout our entire country during the Summer and Autumn, and remarkably so during seasons of unusual heat and dryness, are invariably accompanied by extensive derangements of the stomach and liver, and other abdominal viscera. In their treatment, a purgative, exerting a powerful influence upon these various organs, is essentially necessary. There is no cathartic for the purpose equal to DR. J. WALKER'S VINEGAR BITTERS, as they will speedily remove the darkcolored viscid matter with which the bowels are loaded, at the same time stimulating the secretions of the liver, and generally restoring the healthy

functions of the digestive organs. Fortify the body against disease by purifying all its fluids with VINEGAR BITTERS. No epidemic can take hold

Dyspepsia or Indigestion, Headache, Pain in the Shoulders, Coughs Tightness of the Chest, Dizziness, Sour Eructations of the Stomach, Bad Taste in the Month, Billions Attacks, Palpitatation of the Heart, Inflammation of the Lungs, Pain in the region of the Kid neys, and a hundred other painful symptoms, are the offsprings of Dyspepsia. One bottle will prove a better guarantee of its merits than a lengthy advertise-

Swellings, Ulcers, Erysipelas, Swelled Neck, Goitre, Scrofulous Inflammations, Indolent Inflammations, Mercurial Affections, Old Sores, Eruptions of the Skin, Sore Eyes, etc. In these, as in all other constitutional Diseases, WALKER'S VINEGAR BITTERS have shown their great curative powers in the most obstinate and intractable cases. For Inflammatory and Chronic

Rheumatism, Gout, Bilious, Remit-tent and Intermittent Fevers, Diseases of the Blood, Liver, Kidneys and Bladder, these Bitters have no equal. Such Diseases are caused by Vitiated Blood. Mechanical Diseases. - Persons engaged in Paints and Minerals, such as Plumbers, Type-setters, Gold-beaters, and Miners, as they advance in life, are subject

ter, Salt-Rheum, Blotches, Spots, Pimples, Pustules, Boils, Carbuncles, Ring-worms, Scald-head, Sore Eyes, Erysipelas, Itch, Scurfs, Discolorations of the Skin, Humors and Diseases of the Skin of whatever name or nature, are literally dug up and carried out of the system in a short time by the use

For Female Complaints, in young or old, married or single, at the dawn of wo-manhood, or the turn of life, these Tonic Bitters display so decided an influence that improvement is soon perce

sluggish in the veins; cleanse it when it is foul; your feelings will tell you when. Keep the blood pure, and the health of the system will follow. R. H. McDONALD & CO., Druggists and Gen. Agts., San Francisco, Califor and cor. of Washington and Charlton Sts., N. Y Sold by all Druggists and Dealers.

**Turbine Water Wheel** 



This wheel gave the highest percentage obtained Lowell Test of 1871.

And in outside tests the highest per centage of any wheel ever weighed with Emerson's Dyrmometer. Hundreds of wheels in actual use attest its supe-riority over all others. Send for circular, price list and Lowell Test Re-We guarantee our tables to be correct and re-

Manufactured by O. E. MERRILL & CO.

-21:11119-1

lowing paragraphs:

Then comes a history of the improve-THE KEOKUK RAPIDS.

A DECRE DILLA be made as soon as possible. During the present year it is proposed to

Following, is a very interesting document

DIPROVEMENT OF ROCK ISLAND RAPIDS,

It heals without a scar. No We warrant it to cure Scrofula

years, without one failure.

fectly eradicated disease, and healed after all other remedies had failed. It is a compound of Arnica, with many other Extracts and Balsams, and put up

MOFFAT'S LIFE PILLS PHENIX BITTERS.

in the world. Established in 1835, by one of

and Ague.

Sold by Druggists everywhere.

Mandrake Pilis.

throw out the gastric Juice to dissolve the food with the Pulmonic Syrup, and it is made into good blood without fermentation or souring in the stomach. The great reason why physicians do not cure Conumption is, they try to do too much; they give medicine to stop the cough, to stop the chills, to

Liver Complaint is one of the most prominent

this preparation is made of assists the stomach to

enuses of Consumption.

lerange the whole digestive powers, locking up the secretions and eventually the patient sinks and dies Dr. Schenck in his treatment does not try to stop cough, night sweats, chills or fever. Remove the cause and they will all stop of their own accord. No one can be cured of Consumption, Liver Complaint, Dyspepsia, Catarrh, Canker, Ulcerated Throat, un-

less the liver and stomsch are made healthy.

stop night sweats, hetic fever, and by so doing they

If a person has Consumption, of course the lungs in some way are diseased, either tubercles, abscesses bronchial irritations, pleura adhesion exist, or the ings are a mass of inflamation and fast decaying In such cases what must be done? It is not only the lungs that are wasting but it is the whole hody. The stomach and liver have lost their power to make blood out of food. Now, the only chance is to take Dr. Schenck's three medicines, which will bring up a tone to the stomach, the patient will begin to want food, it will digest easily and make good blood; then

body begins to grow the lungs commence to heal up,

When there is no lung disease, and only Liver Complaint and Dyspepsia, Schenk's Seaweed Tonic and Mandrake Pills are sufficient, without the Pulmonic Syrup. Take the Mandrake Pills freely in all bilions complaints, as they are perfectly harmless. Dr. Schenck, who has enjoyed uninterrupted health for many years past, and now weighs 225 pounds, was wasted away to a mere skeleton, in the very last stage of Pulmonary Consumption, his physicians having pronounced his case hopeless, and abandoned him to his fate. He was cured by the aforesaid medicines, and since his recovery many thousands simflarly afflicted have used his preparations with the same remarkable success. Full directions accompany each, making it not absolutely necessary to per

Dr Schenck and his son J. H. Schenck, Jr., M. D. are professionally at their store, Northeast corner of Sixth and Arch streets, Philadelphia, every Saturday. All advice given free of charge, but for a thorough examination by the Respirometer the price is \$5. This instrument will detect the slightest movement of the respiratory organs; by it can be readily determined whether the disease is tubercular, bron-

DR. SCHENCK'S MEDICINES are prepared only

at the Laboratory of

lungs examined.

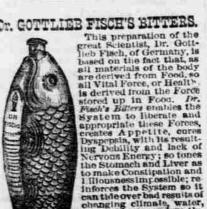
N. E. cor. 6th and Arch Sts. PHILADELPHIA. And by Druggists and dealers generally. HURLBUT & EDSALL, Wholesale Agents, Chi-

T IS A RELIABLE FAMILY MEDICINE. AND can be taken by either infant or adult with the same benificial results. It is a certain, prompt and speedy remedy for Diarrhora, Dysentery, Bowel Complaint, Dyspepsia, Lowness of Spirits, Fainting, Sick Stomach, Headache, etc., etc. For Chilis and Fever of all kinds it is far better and safer than Quinine, without any of its pernicious effects. It creates an appetite, proves a powerful digester of food, and will counteract the effects of liquor in a few minutes. For sale by all Druggists.

A CELEBRATED REMEDY.-Read the following

JACOB SCHERTZ, Esq., Dear Sir: 1 do hereby certify that as Physician in charge of the North-Eastern Medical Dispensary, I have given your Bit-ter Cordial a fair, homest and impartial trial, and al-

Schenck's Seaweed Tonic is a gentle stimulant shall deem it a duty as well as a privilege, to recommend and alterative, and the alkali in the Seaweed, which and alterative, and the alkali in the Seaweed, which in the suffering to be suffering to the suffering to be sufficiently to be suffering to be suffering to be suffering to be sufficiently to be sufficiently to be sufficiently to be sufficie



correction of the control of the con

P. S.—Do not confound my Lightning M Centing Teeth with any infringements or feeble imitations of name or outline having thick raking teeth, which, unless very carefully shortened, are electric only in their shocks to the operator.

Two men cut twenty-six cords of hard wood in 8 hours with the Lightning Cross-C t Saw, by hand, and will do it again for \$500.

Front view M teeth, showing dress and set of two points to cut in line. 2-18doc&wly

No Person can take these Bitters according to directions, and remain long

unwell, provided their bones are not de-

stroyed by mineral poison or other means, and vital organs wasted beyond

of a system thus fore-armed.

Scrofula, or King's Evil, White

to paralysis of the Bowels. To guard against this, take a dose of WALKER'S VIN-EGAR BITTERS occasionally. For Skin Diseases, Eruptions, Tet-

Pin, Tape, and other Worms, lurking in the system of so many thousands, are effectually destroyed and removed. No system of medicine, no vermifuges, no an-thelminities will free the system from worms

Cleanse the Vitiated Blood whenever you find its impurities bursting through the skin in Pimples, Eruptions, or Sores; cleanse it when you find it obstructed and

TURBINE WATER WHEEL HOUSTON'S

11-11&w1v



BELOIT ..